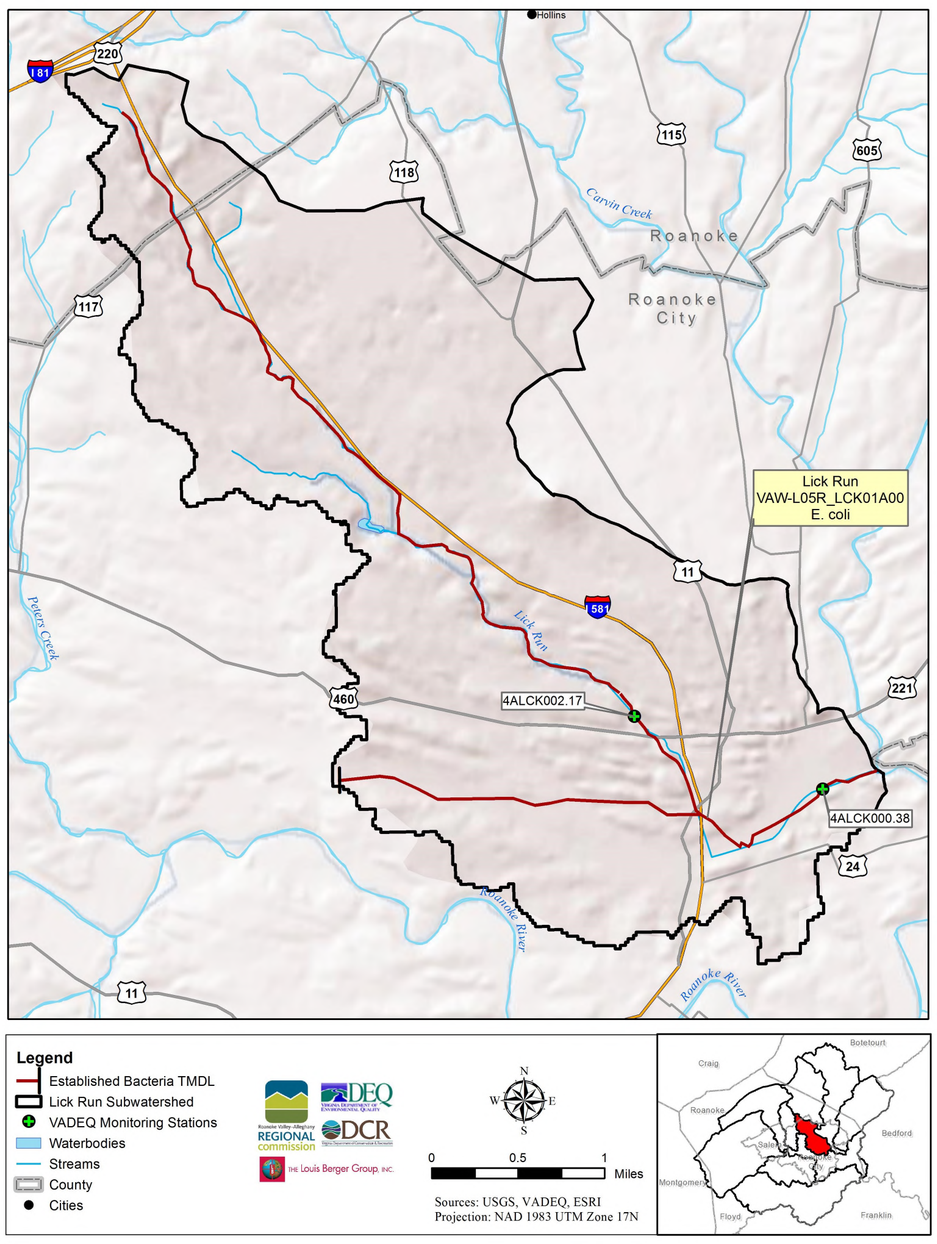
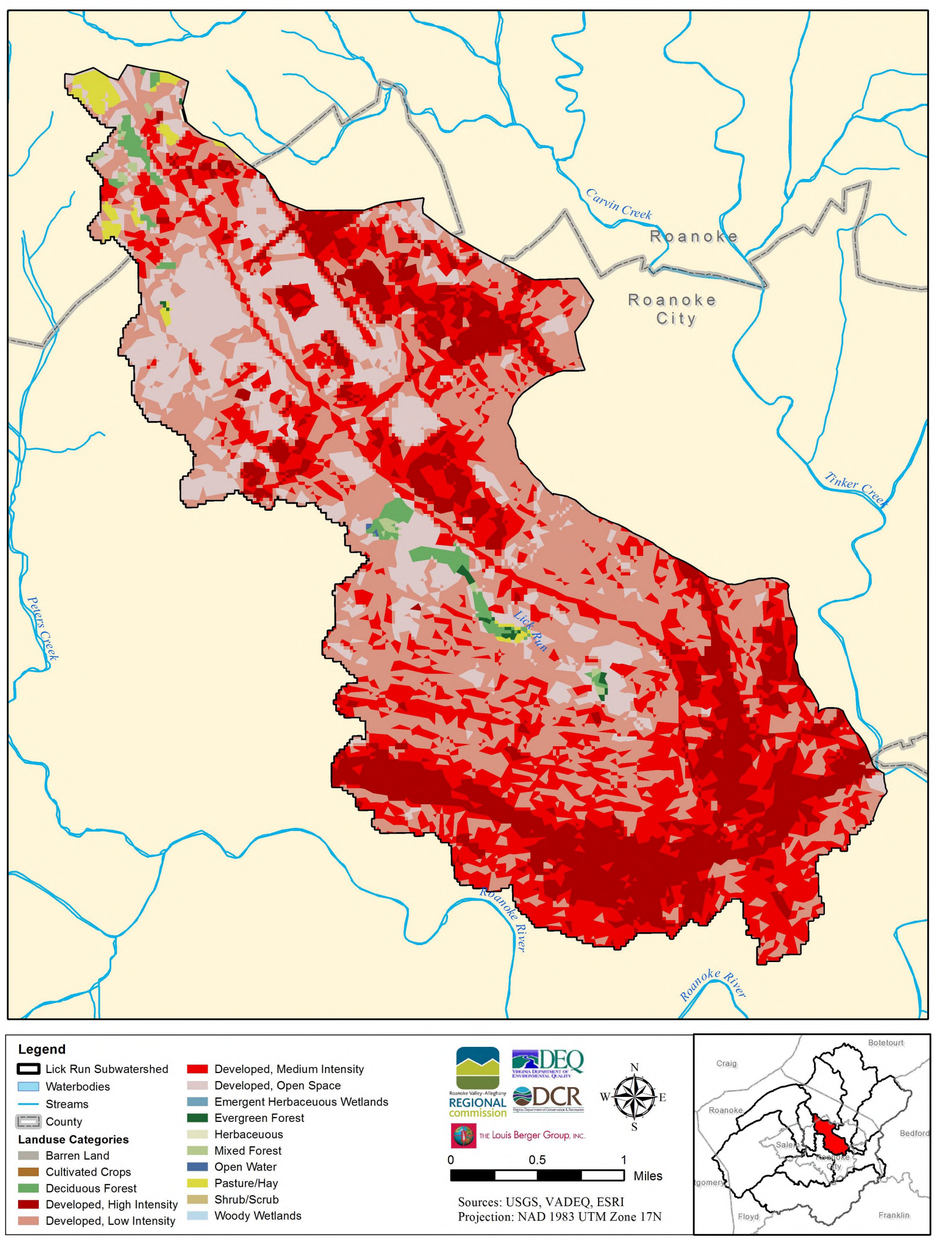
Lick Run Subwatershed





Impairment Summary

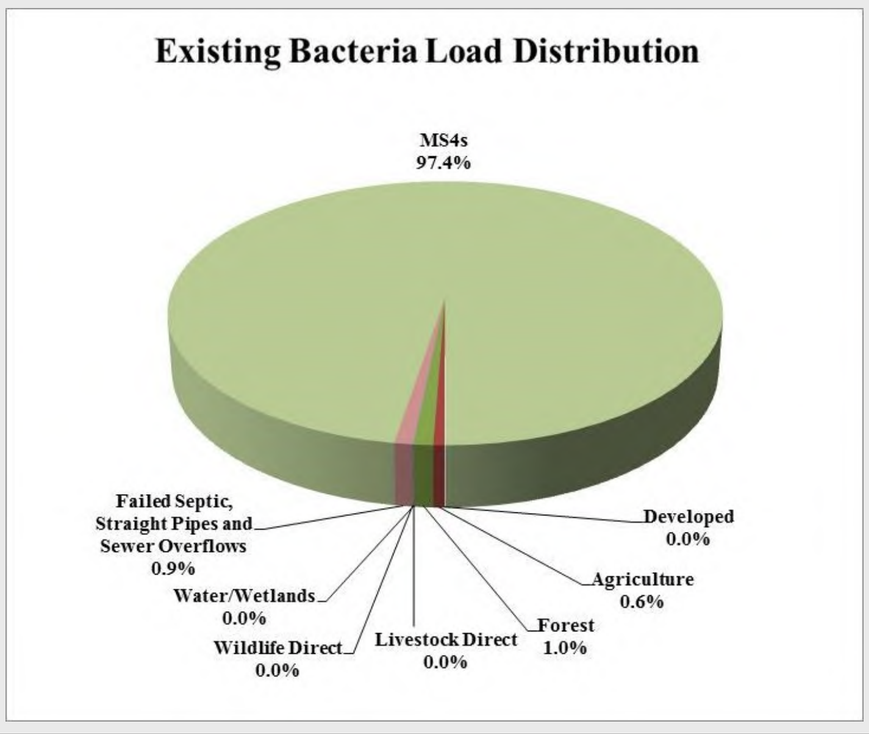
Assessment Unit	Stream Name	Length (miles)	Boundaries	Cause
VAW-L05R_LCK01A00	Lick Run	9.37	Lick Run mainstem from near Shaffer's Crossing downstream to Lick Run's mouth on Tinker Creek.	Escherichia coli

Land Use Distribution (NLCD 2006)

Land Use Category	Area	
	Acres	Percent
Developed	6,498.8	97.4%
Agriculture	59.2	0.9%
Forest	110.4	1.7%
Water/Wetlands	1.1	0.0%
Other	1.0	0.0%
Total	6,670.4	100.0%

Existing and Allocated Bacteria Loads

Land Use/Source	Total Annual *E. coli* Loads (billion coliform forming units/year)		Percent Reduction (%)
	Existing Load	Allocation Load	
Land Based Non-point			
Developed	6,997	140	98.0%
Agriculture	10,664	1,600	85.0%
Forest	18,645	18,645	0.0%
Water/Wetlands	80	80	0.0%
Other	-	-	-
Direct Non-point			
Livestock Direct	-	-	-
Wildlife Direct	880	880	0.0%
Failed Septic, Straight Pipes and Sewer Overflows	16,846	0	100.0%
Point Source	-	-	-
MS4s	1,764,199	35,284	98.0%
Total	**1,818,311**	**56,628**	**96.9%**



Existing Best Management Practices
Agricultural and Stormwater

Agricultural Best Management Practice	Count	Area Treated	Streamlength Protected (ft)
No Known Agricultural Best Management Practices			

Stormwater Best Management Practice	Count	Reported Area Treated* (acres)
Detention	25	124.2
Extended Detention	1	6.7
Infiltration	1	No Data
Manufactured Unit	1	No Data
Underground Detention	3	0.4

*Not all Best Management Practices reported area treated

The municipalities are in the process of creating Best Management Practices inventories, so not all Best Management Practices present in the watershed may be reported.

Potential Implementation Actions to Reduce Bacteria

- **Existing Best Management Practice Retrofits**
- **Low Impact Development Stormwater Controls**
- **Septic System Repair/Replacement**
- **Pet Waste Disposal and Education Programs**
- **Riparian Buffer Creation/Expansion**